RAW SEQUENCE LISTING PATENT APPLICATION US/09/081,737

DATE: 05/29/98 TIME: 07:49:48

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This Raw Listing contains the General Information Section and up to the first 5 pages.

1	-							
2 3	(1) G	enera:	l Informa	tion:	:		ΕN	TERE
4 5	(i)	APPL	ICANTS: L	iu, C	Dingyun		<u> </u>	
6 7	• •			hen,				
8	(ii)	TITL	E OF INVE	NTION	: Human U	Incoupling Pro	otein 3	
9 10	(iii)	NUMBI	ER OF SEQ	UENCE	ES: 21			
11	` ,		_					
12	(iv)	CORR	ESPONDENC	E ADD	DRESS:			
13	, , , ,				erck & Co.	, Inc.		
14					Box 2000			
15		(c)	CITY: Ra	hway				
16			STATE: N					
17			COUNTRY:					
18			ZIP: 070		907			
19		` '						
20	(V)	COMP	UTER READ	ABLE	FORM:			
21	, ,	(A)	MEDIUM T	YPE:	Floppy di	.sk		
22		(B)	COMPUTER	: IBM	1 PC compa	tible		
23		(C)	OPERATIN	G SYS	STEM: PC-I	OS/MS-DOS		
24		(D)	SOFTWARE	: Pat	tentIn Rel	ease #1.0, V	ersion #1.3	0
25								
26	(vi)	CURR	ENT APPLI	CATIO	ON DATA:			
27		(A)	APPLICAT	ION N	NUMBER:			
28		(B)	FILING D	ATE:				
29		(C)	CLASSIFI	CATIO	ON:			
30								
31	(viii)	ATTO	RNEY/AGEN	T INE	ORMATION:			
32		(A)	NAME: Ha	nd, J	J. Mark			
33		(B)	REGISTRA	TION	NUMBER: 3	16,545		
34		(C)	REFERENC	E/DOC	CKET NUMBE	R: 19959Y		
35								
36	(ix)	TELE	COMMUNICA	TION	INFORMATI	ON:		
37		(A)	TELEPHON	E: 73	32/594-390	15		
38		(B)	TELEFAX:	732/	/594-4720			
39								
40	.′							
41	(2) INFO	RMATI	ON FOR SE	Q ID	NO:1:			
42								
43	(i)	~	ENCE CHAR					
44					pase pairs	5		
45			TYPE: nu					
46		(C)	STRANDED	NESS:	: double			

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47	(D) TOPOLOGY: linear	
48 49	(ii) MOLECULE TYPE: cDNA	
50 51		
52		
53		
54	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:	
55	• • •	
56	GGTGACCTAC GACATCCTCA AGGAGAAGCT GCTGGACTAC CACCTGCTCA CTGACAACTT	60
57		
58	CCCCTGCCAC TTTGTCTCTG CCTTTGGAGC CGGCTTCTGT GCCACAGTGG TGGCATCCCC	120
59		
60	GGTGGACGTG GTGAAGACCC GGTATATGAA CTCACCTCCA GGCCAGTACT TCAGCCCCCT	180
61		
62	CGACTGTATG ATAAAGATGG TGGCCCAGGA GCGCCACCAG CCTTCTACAA GGGATTTACA	240
63		
64	CCCTCCTTTT TGCGTTTGGG ATCCTGGAAC GTGGTGATGT TCGTAACCTA TGAGCAGCTG	300
65		260
66	AAACGGGCCC TGATGAAAGT CCAGATGTTA CGGGAATCAC CGTTTTGAAC AAGACAAGAA	360
67	COCCA CITICOTT A COTTA A COTTO TO COCCA A A COLO COTTO A CA A COLO COLO COLO COLO COLO COLO C	404
68	GGCCACTGGT AGCTAACGTG TCCGAAACCA GTTAAGAATG GAAG	404
69 70	(2) INFORMATION FOR SEO ID NO:2:	
71	(2) INFORMATION FOR SEQ ID NO.2.	
72	(i) SEQUENCE CHARACTERISTICS:	
73	(A) LENGTH: 405 base pairs	
74	(B) TYPE: nucleic acid	
75	(C) STRANDEDNESS: double	
76	(D) TOPOLOGY: linear	
77	\-\ /	
78	(ii) MOLECULE TYPE: cDNA	
79		
80		
81		
82		
83	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:	
84		- ^
85	GGTGACCTAC GACATCCTCA AGGAGAAGCT GCTGGACTAC CACCTGCTCA CTGACAACTT	60
86		120
87	CCCCTGCCAC TTTGTCTCTG CCTTTGGAGC CGGCTTCTGT GCCACAGTGG TGGCATCCCC	120
88	GGTGGACGTG GTGAAGACCC GGTATATGAA CTCACCTCCA GGCCAGTACT TCAGCCCCCT	180
89	GGTGGACGTG GTGAAGACCC GGTATATGAA CTCACCTCCA GGCCAGTACT TCAGCCCCCT	100
90 91	CGACTGTATG ATAAAGATGG TGGCCCAGGA GCGCCACCAG CCTTCTACAA GGGATTTACA	240
92	CGACTGTATG ATAMAGATGG TGGCCCAGGA GCGCCACCAG CCTTCTACAA GGGATTTACA	240
93	CCCTCCTTNT TTGCGTTTGG GATCCTGGAA CGTGGTGATG TTCGTAACCT ATGAGCAGCT	300
94	COLOCIAL HOCOTHGO ONICCIONA COLOCIONO HICOTARCO ALGRACACO	
95	GAAACGGGCC CTGATGAAAG TCCAGATGTT ACGGGAATCA CCGTTTTGAA CAAGACAAGA	360
96	Auminopolo aloutalino laguariati reagaintan agailtan amanaman	
97	AGGCCACTGG TAGCTAACGT GTCCGAAACC AGTTAAGAAT GGAAG	405
98		
99	(2) INFORMATION FOR SEQ ID NO:3:	

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100 101 102 103 104 105 106 107	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 159 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear (ii) MOLECULE TYPE: cDNA	
108 109 110 111	(II) MODDOODD IIID. CDMA	
112 113	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:	
114 115	CGAGCAGCTG AAACGGGCCC TGATGAAAGT CCAGATGTTA CGGGNATCAC CGTTTTGAAC	60
116 117	AAGACAAGAA GGCCACTGGT AGCTAACGTN TCCGAAACCA GTTAAGATTG GAAGAAAACG	120
118	GTCCATCCAC GNACACATGG ACACAGACCC ACACATNTT	159
119 120	(2) INFORMATION FOR SEQ ID NO:4:	
121 122 123 124 125 126 127 128 129	(i) SEQUENCE CHARACTERISTICS: (A) LENGTH: 484 base pairs (B) TYPE: nucleic acid (C) STRANDEDNESS: double (D) TOPOLOGY: linear (ii) MOLECULE TYPE: cDNA	
130 131 132 133 134	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:	
135 136	TTTTTTTTTTT TCTTACTCCC ACACCTAAGG TGGAANTTCT TTTATTGAGT CATAATAATT	60
137 138	TCCCGAGAAT TCCGAGTCCT GCTACTTTAG GTTCTTGCCC AGGAATCCAC CTCTTTTCCC	120
139	CCAAGCCCAA CAATCCTTTG AGGTACTCAT GATTGAGCGC GTGGTGGGGG GGGGTGGGGA	180
140 141	AGAGGCTGCA TGGGGGTGGG GCTCCTGTGG CTTCACGTCA TCCACTGTCA CCTCTGGTCC	240
142 143	CCAAGTCTCT GGATCCTTTG GTCTCACCTC TAGACAACCG GCGGGGTTCA AACCTTCTTC	300
144 145	CCTGGCAACT CCTCTCTGTC CCGACAAAAT CTCTCCCAAG GCATTGTCCT TGTAGTTAGA	360
146 147	TTTACACAGA GCTTTTGCTT TTATAAAGTG CGTTCATGCC CAGCTTCTCA CTTGCATGTC	420
148 149	ATAGCACCCC TGGTGAGGTG GACAGGGAAG GGATGGCTCC CTCCATTTTG TAGGAAAGTN	480
150 151 152	GGGG	484

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		IIII OI DEII. DEUZIJ.IUN
153 154	(2) INFORMATION FOR SEQ ID NO:5:	
155	(i) SEQUENCE CHARACTERISTICS:	
156	(A) LENGTH: 24 base pairs	
157	(B) TYPE: nucleic acid	
158	(C) STRANDEDNESS: single	
159	(D) TOPOLOGY: linear	
160		
161	(ii) MOLECULE TYPE: other nucleic acid	
162	(A) DESCRIPTION: /desc = "oligonucleotide"	
163		
164	•	
165		
166		
167	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:	
168	(XI) DEQUERCE DESCRIPTION. DEQ ID NO.5.	
	NAGE COMPANY COMPANY COMPANY	24
169	AAGCTGCTGG ACTACCACCT GCTC	24
170		
171	(2) INFORMATION FOR SEQ ID NO:6:	
172		
173	(i) SEQUENCE CHARACTERISTICS:	
174	(A) LENGTH: 22 base pairs	
175	(B) TYPE: nucleic acid	
176	(C) STRANDEDNESS: single	
177	(D) TOPOLOGY: linear	
178	(3) 101020011 11.1002	
179	(ii) MOLECULE TYPE: other nucleic acid	
180	(A) DESCRIPTION: /desc = "oligonucleotide"	
_	(A) DESCRIPTION: /desc = "oligonucleotide"	
181		
182		
183		
184		
185	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:	
186		
187	TACTGCCCTG GAGGTGAGTT CA	22
188		
189	(2) INFORMATION FOR SEQ ID NO:7:	
190	(-, -, -, -, -, -, -, -, -, -, -, -, -, -	
191	(i) SEQUENCE CHARACTERISTICS:	
192	(A) LENGTH: 21 base pairs	
192	(B) TYPE: nucleic acid	
	· ·	
194	(C) STRANDEDNESS: single	
195	(D) TOPOLOGY: linear	
196		
197	(ii) MOLECULE TYPE: other nucleic acid	
198	(A) DESCRIPTION: /desc = "oligonucleotide"	
199		
200		
201		
202		
203	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:	
204	/	
204	CCAAGCCCAA CAATCCTTTG A	21
203	CCARGCCCAA CAAICCIIIG A	21

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<i>)</i> b		
7 (2)	INFORMATION FOR SEQ ID NO:8:	
)8)9	(i) SEQUENCE CHARACTERISTICS:	
.0	(A) LENGTH: 21 base pairs	•
1	(B) TYPE: nucleic acid	
2	(C) STRANDEDNESS: single	
3	(D) TOPOLOGY: linear	
4	` '	
.5	(ii) MOLECULE TYPE: other nucleic acid	
.6	(A) DESCRIPTION: /desc = "oligonucleotide"	
.7		
.8		
.9		
20	(wi) SEQUENCE DESCRIPTION, SEC ID NO. 9.	
21 22	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:	
	AAAGGATC CAGAGACTTG G	21
4		
	INFORMATION FOR SEQ ID NO:9:	
6	·	
7	(i) SEQUENCE CHARACTERISTICS:	
8	(A) LENGTH: 25 base pairs	
9	(B) TYPE: nucleic acid	
0	(C) STRANDEDNESS: single	
1	(D) TOPOLOGY: linear	
2		
3	(ii) MOLECULE TYPE: other nucleic acid	
4	(A) DESCRIPTION: /desc = "oligonucleotide"	
5 6)	
, 7		
}		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:	
	TTGTGGAA TTGTGAGCGG ATAAC	25
(2)		
(2)	INFORMATION FOR SEQ ID NO:10:	
	(i) SEQUENCE CHADACHEDISHIGS.	
	(i) SEQUENCE CHARACTERISTICS:	
	(A) LENGTH: 22 base pairs	
	(B) TYPE: nucleic acid	
3	(C) STRANDEDNESS: single	
9	(D) TOPOLOGY: linear	
0	(ii) NOI FOULE TYPE, other pugleic soid	
51 :2	<pre>(ii) MOLECULE TYPE: other nucleic acid (A) DESCRIPTION: /desc = "oligonucleotide"</pre>	
52 53	(A) DESCRIPTION: /desc = "oligonucleotide"	
3 4		
4 5		
	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:	
7 8	(VI) PHÄOPHOP DEPONILITON: PHĀ ID HO:IO:	

SEQUENCE VERIFICATION REPORT PATENT APPLICATION *US/09/081,737*

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